

**CPC****COOPERATIVE PATENT CLASSIFICATION****B61K**

**OTHER AUXILIARY EQUIPMENT FOR RAILWAYS** (energy storing brakes [B61H](#); protection of permanent way against weather influences [E01B](#); rail cleaning, snow ploughs [E01H](#))

**B61K 1/00**

**Transferring passengers, articles, or freight to and from moving trains; Slipping or coupling vehicles from or to moving trains**

[B61K 1/02](#)

- . transferring articles to and from moving trains, e.g. mailbag catchers

**B61K 3/00**

**Wetting or lubricating rails or wheel flanges**

[B61K 3/02](#)

- . Apparatus therefor combined with vehicles

**B61K 5/00**

**Apparatus for placing vehicles on the track; Derailers; Lifting of lowering rail vehicle axles or wheels** (hoisting apparatus [B66](#))

[B61K 5/02](#)

- . Devices secured to the vehicles; Turntables integral with the vehicles

[B61K 5/04](#)

- . Devices secured to the track

[B61K 5/06](#)

- .. Derailing or re-railing blocks

**B61K 7/00**

**Railway stops fixed to permanent way; Track brakes or retarding apparatus fixed to permanent way; Sand tracks or the like** (skids, wedges, vehicle-mounted scotch blocks [B61H](#))

[B61K 7/02](#)

- . Track brakes or retarding apparatus (operating mechanisms for track-mounted scotch blocks [B61L](#))

[B61K 7/025](#)

- .. {Retarders of the mushroom type}

[B61K 7/04](#)

- .. with clamping action

[B61K 7/06](#)

- ... operated mechanically

[B61K 7/08](#)

- ... operated pneumatically or hydraulically

[B61K 7/10](#)

- .. electrodynamic (on vehicles [B60L](#)){([B61K 7/025](#) takes precedence)}

[B61K 7/12](#)

- .. electrically controlled {([B61K 7/025](#) takes precedence)}

[B61K 7/14](#)

- . Sand or like tracks

[B61K 7/16](#)

- . Positive railway stops

[B61K 7/18](#)

- .. Buffer stops

[B61K 7/20](#)

- .. Positive wheel stops

[B61K 7/22](#)

- .. Axle stops

- B61K 9/00**      **Railway vehicle profile gauges; Detecting or indicating overheating of components; Apparatus on locomotives or cars to indicate bad track sections; General design of track recording vehicles**
- B61K 9/02      .    Profile gauges, e.g. loading gauges
- B61K 9/04      .    Detectors for indicating the overheating of axle bearings and the like, e.g. associated with the brake system for applying the brakes in case of a fault
- B61K 9/06      . .    by detecting or indicating heat radiation from overheated axles
- B61K 9/08      .    Measuring installations for surveying permanent way ([applications of measuring apparatus or devices for track building purposes E01B 35/00](#); measuring techniques [G01](#))
- B61K 9/10      . .    for detecting cracks in rails or welds thereof
- B61K 9/12      .    Measuring or surveying wheel-rims ([measuring techniques G01](#))
- B61K 11/00**      **Servicing peculiar to locomotives, e.g. filling with, or emptying of, water, sand, or the like at the depots** ([lifting or lowering axles or wheels B61K 5/00](#); filling stations for steam or pneumatic accumulator locomotives [B61C 8/00](#); water or fuel supply fittings on locomotives [B61C 17/02](#); refueling locomotives with solid fuels [B65G 67/18](#); washing or cleaning boilers [F28G](#))
- B61K 11/02      .    Water columns for locomotives
- B61K 13/00**      **Other auxiliaries or accessories for railways** ([safety belts or harnesses A62B 35/00](#))
- B61K 13/02      .    Starting aids for cars amplifying the drawbar pull and transmitting it to the wheels
- B61K 13/04      .    Passenger-warning devices attached to vehicles; Safety devices for preventing accidents to passengers when entering or leaving vehicles [{\(for preventing passengers from being injured by movements of doors B61D 19/026\)}](#)